

Sports Court Construction Guide

Complete Guide to Planning, Designing & Building High-Performance Sports Courts

Sports court construction requires careful planning, engineering and surface selection to ensure long-term durability, safety and playing performance. Pacecourt synthetic acrylic sports flooring systems are designed for tennis courts, pickleball courts, basketball courts, badminton courts, volleyball courts and multi-purpose sports facilities.

Key Stages of Court Construction

- Site survey and feasibility assessment
- Earthwork and grading
- Drainage planning and installation
- Concrete or asphalt base construction
- Surface preparation and leveling
- Acrylic flooring application
- Line marking and equipment installation
- Final inspection and handover

Construction Stage	Purpose
Site Survey	Evaluate location and dimensions
Base Preparation	Create stable foundation
Drainage System	Prevent water accumulation
Surface Installation	Apply acrylic system
Line Marking	Define playing areas
Inspection	Verify quality and performance

Construction Specifications & Best Practices

Specification	Recommendation
Base Type	Concrete or Asphalt
Slope	0.83%–1%
Drainage	Mandatory
Surface Type	Synthetic Acrylic
UV Resistance	Required
Maintenance	Routine Cleaning

Common Construction Mistakes

- Poor drainage design
- Inadequate base compaction
- Incorrect court dimensions
- Low-quality surface materials
- Insufficient curing time
- Improper line marking

Construction Checklist

- ✓ Site survey completed
- ✓ Drainage system planned
- ✓ Base construction completed
- ✓ Acrylic flooring installed
- ✓ Line markings approved
- ✓ Sports equipment installed

Why Choose Pacecourt?

Pacecourt specializes in synthetic acrylic sports flooring systems that provide durability, UV resistance, player comfort and long-term value. Suitable for schools, academies, clubs, parks and professional sports facilities across India. Visit www.pacecourt.com for more information.